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(84) Designated Contracting States: DE FR GB IT	(72) Inventor: Larson, Brent D. Cave Creek, Arizona 85331 (US)
(30) Priority: 07.04.1995 US 418981	(74) Representative: Fox-Male, Nicholas Vincent Humbert et al Eric Potter Clarkson Park View House 58 The Ropewalk Nottingham NG1 5DD (GB)
(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 96915901.1 / 0 819 259	
(71) Applicant: Honeywell Inc. Minneapolis Minnesota 55440-0524 (US)	

(54) **High efficiency polarized display**

(57)

An image display apparatus which employs a polarization-sensitive scattering PSSE element. In the display, a light source is used to illuminate a panel which modulates light in order to form an image. Positioned between the light source and the panel is the PSSE el-

ement which acts to effectively separate light of different polarizations. The PSSE element provides a means for recapturing light energy which would otherwise be lost in the display, while reducing degradation and heat build-up due to light absorption.

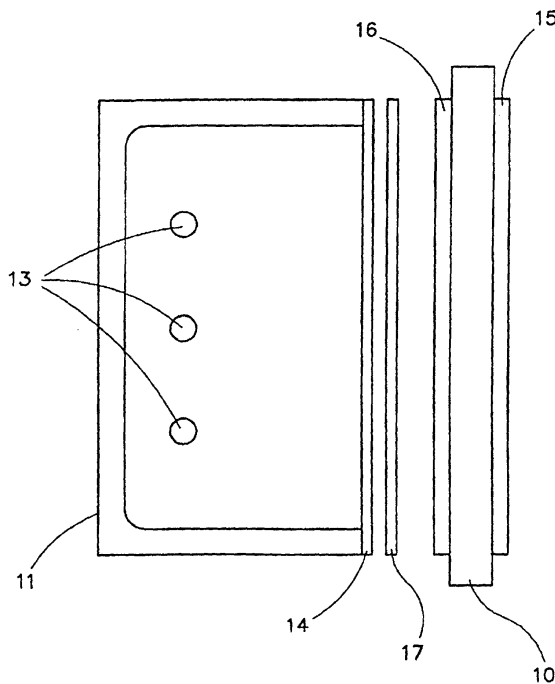


Fig.1



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EUROPEAN SEARCH REPORT

Application Number
EP 02 07 8464

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 December 2003	Examiner Ward, S
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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